Philips Brilliance
LCD monitor with
LightFrame™ DR

17"
SXGA

BRILLIANCE

170P6EB

superb display for professional tasks

Professionals like you get more done with the 170P6: Digital LightFrame™ and the Perfect Panel warranty for superb performance, productivity-enhancing remote asset management, advanced ergonomics and lead-free design.

Outstanding front of screen performance

- LightFrame™ DR maximizes your on-screen experience
- ISO 13406-2 Class I compliant dot-defect-free display
- SXGA 1280 x 1024 resolution for sharper display
- Fast 8ms On/off response time:Great text & graphics display
- Dual input accepts both analog VGA and digital DVI signals

Maximum comfort for maximum productivity

- 90 degree screen rotation and smart cable management
- Built-in high-speed USB 2.0 solution for easy connections
- Brightness automatically adjusts to ambient light
- Built-in speakers for audio without desktop clutter
- Stand-alone audio for efficient net conferencing

Best total cost of ownership solution

- SmartManage compatibility enables LAN-based asset management
- Lead-free design safeguards our environment

PHILIPS
sense and simplicity

LCD monitor with LightFrame™ DR
17" SXGA

170P6EB/93

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 17"/ 43 cm
- Effective viewing area: 337.9 x 270.3 mm
- Pixel pitch: 0.264 x 0.264 mm
- Brightness (nits): 250 nit
- Contrast ratio (typical): 500:1
- Display colors: 16.2 M
- Viewing angle: @ C/R > 5
- Viewing angle (H / V): 160 / 160 degree
- Response time (typical): 8 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Recommended Resolution: 1280 x 1024 @ 60 Hz
- Factory Preset Modes: 15 modes
- User definable modes: 50 modes
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 MHz
- Picture enhancement: LightFrame™ Digital Reality
- sRGB

Connectivity
- Signal Input: Analog (VGA), DVI-D, PC Audio in
- Audio output: Stereo Audio (3.5 mm jack) 1x
- USB: USB 2.0
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green

Convenience
- Built-in Audio: 2 W RMS x 2 Stereo Speakers
- Convenience Enhancements: On-screen Display, SmartManage enabled
- Monitor Controls: Auto, Brightness Control, Left/ Right, LightFrame, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP
- Regulatory Approvals: CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '99, TÜV/GS, TÜV Ergo
- Swivel: +/- 45°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, Audio Cable, DVI-D cable, USB cable, VGA cable
- User Manual

Dimensions
- Dimensions (with base) (W x H x D): 375 x 395 x 201 mm
- Height adjustment range: 130 mm
- MTBF: 50,000 hrs
- Relative Humidity: 20% - 80%
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Weight: 5.6 kg

Power
- Complies with: E2000, Energy Star, NUTEK
- Consumption: 43 W (Typical)
- Off Mode: < 1 W
- Power LED indicator: Operation - Blue, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

LightFrame™ DR
LightFrame™ Digital Reality is an integrated software and hardware solution for Philips high-end monitors that delivers high quality visual display enhancements to users through quick and convenient hardware or software interfaces.

PerfectPanel™
Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in a LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors, compliant with ISO 13406-2 Class I standard, are produced with zero tolerance for LCD panel defects and backed by Philips PerfectPanel™ globally valid warranty providing repair or replacement of any LCD monitors that display even a single defective bright or dark dot.

8ms response time (On/Off)
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

Super Ergo Base
The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

USB connectivity solution
The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.

SmartBright
SmartBright is an exclusive Philips feature that employs a built-in sensor to automatically adjust display settings, delivering the very best viewing experience, reduced energy consumption and prolonged monitor life while eliminating bright-screen-dark-room and dark-screen-bright-room eyestrain fatigue - all without the bother of manually adjusting display brightness as room lighting conditions change.

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Lead-free
Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

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